

ABSTRACT

[0039] A method and apparatus for testing cement comprising introducing cement into a curing vessel that is at least partially inside a test vessel, curing the cement at a selected temperature and pressure, maintaining the cement at least at the selected temperature and pressure after the cement has cured and until testing of the cement, and testing the cement for a performance property. The testing apparatus comprises a test vessel comprising a test chamber, a curing vessel at least partially within the test chamber comprising a first end cap, a second end cap, and a flexible sleeve, the curing vessel being sealed from the fluid in the test chamber.